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(71) Applicant (for all designated States except US): **BP EXPLORATION OPERATING COMPANY LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **COLLINS, Ian, Ralph** [GB/GB]; 44 Kenton Avenue, Sunbury-on-Thames, Middlesex TW16 5AR (GB). **DUNCUM, Simon, Neil** [GB/GB]; 9 Wilstrobe Avenue, Binfield, Bracknell, Berkshire RG42 4UW (GB).

(74) Agent: **COLLINS, Frances, Mary**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

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(54) Title: METHOD FOR SCALE INHIBITION IN OIL WELLS

(57) Abstract: A method of inhibiting scale formation in a subterranean formation comprising: (a) injecting a suspension comprising particles of a controlled release scale inhibitor suspended in an aqueous medium into a formation through an injection well wherein the particles have a mean diameter of less than 10 microns, preferably less than 5 microns, more preferably less than 1 micron; (b) allowing the suspension to percolate through the subterranean formation towards a production well; and (c) controllably releasing the scale inhibitor from the particles in the near well bore region of the production well. Suitably, the particles of the controlled release scale inhibitor comprise an esterifiable scale inhibitor cross-linked with a polyol via ester cross-links.

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